

Abstract of the Disclosure

A method of using a catheter system to perform medical procedures is disclosed in which the catheter system includes a guide catheter configured to receive inner catheters therein. The method includes performing initial medical procedures with the catheter system until an original inner catheter located within the guide catheter becomes dysfunctional, wherein (i) the initial medical procedures performed during the initial medical procedures performing step are respectively separated in time by interim time periods, and (ii) the original inner catheter is retained within the guide catheter during the interim time periods. The method further includes performing subsequent medical procedures after the initial medical procedures performing step with the catheter system having any one of a number of replacement inner catheters located with the guide catheter, wherein the any one of the number of replacement inner catheter is removed from the guide catheter after each of the subsequent medical procedures is performed during the subsequent medical procedures performing step.